



1. NO TOOLING HOLES PERMITTED IN PARTS.
2. MATERIAL SHALL MEET MIL-A-8920 FOR CHEMICAL COMPOSITION:
MIN-TENSILE 100000 FOR TOLERANCE AND TENSILE TESTING ONLY.
3. MATERIAL 79%Ni-14%Al ALLOY DOWNTOWN TYPE CHEMICAL COMPOSITION:
PER MIL-A-8920 WITH TENSILE AS FOLLOWS:
TENSILE MIN-100000 FT-PSI
COMPRESSION MIN-47000 PSI
ELONGATION 6% MIN.
4. BRUSH ALDINE WELDED JOINTS.
5. WELDING STD. WELDER SPEC. 44-4724. DYE PENETRANT
CHECK ONLY. NO RADIOGRAPHIC WELD PEG.
6. UNWEALED AREA ADJACENT TO WELD PERMISSIBLE.

VIEW A-A

UNLESS OTHERWISE SPECIFIED
UNLESS OTHERWISE SPECIFIED
VALUES GIVENED \neq APPLY TO PER TONE

QUEBEC STAMP POST OFFICE
AND ALL OTHER OFFICES
TO WHICH ORDERED BY THE
POSTMASTER GENERAL OF CANADA.

PULLY AND HUNT CHAIRS
MAIN TABLES
JURY TO JURY at \$10
JURY TO JURY at \$15

2000 2001 10' 100'
 2000 2001 10' 100'
 2000 2001 10' 100'
 2000 2001 10' 100'

General Training English
 General English
 2 x 60-minute lessons per week

For further details please call 0115 951 5555

NUMBER 100 OF THE
FEDERAL BUREAU OF INVESTIGATION

OF SYSTEMS TO OTHER
MANUFACTURING ENTERPRISES

THE SYSTEMS MANAGER
WILL BE RESPONSIBLE FOR

10/1/84

ALL PARTICIPANTS EXPECTED TO BE 18
OR OVER ON DAY OF PLAY.

INFORMED TO PLAN FOR THE
 AT THE END OF THE PERIOD TO
 TO THE IN THE PERIOD OF
 ON THE PERIOD OF THE PERIOD OF
 PERIOD.

✓ **STANDARD INFORMATION**
IMPROVED SERVICE FILES
FOR \$10,000-07

✓
GROUPED ALL OTHERS
OTHER ALL OTHERS AND-ONE
ANOTHER ONE

NUMBER OF
 STUDENT COUNCIL
 STUDENT COUNCIL
 STUDENT

TRUCKS OFTEN HAVE
A WEIGHT OF 10,000 LBS.

Shipping of 250 and 400 cc. 257
 250 cc. 257 with 1 bottle 257
 and 257

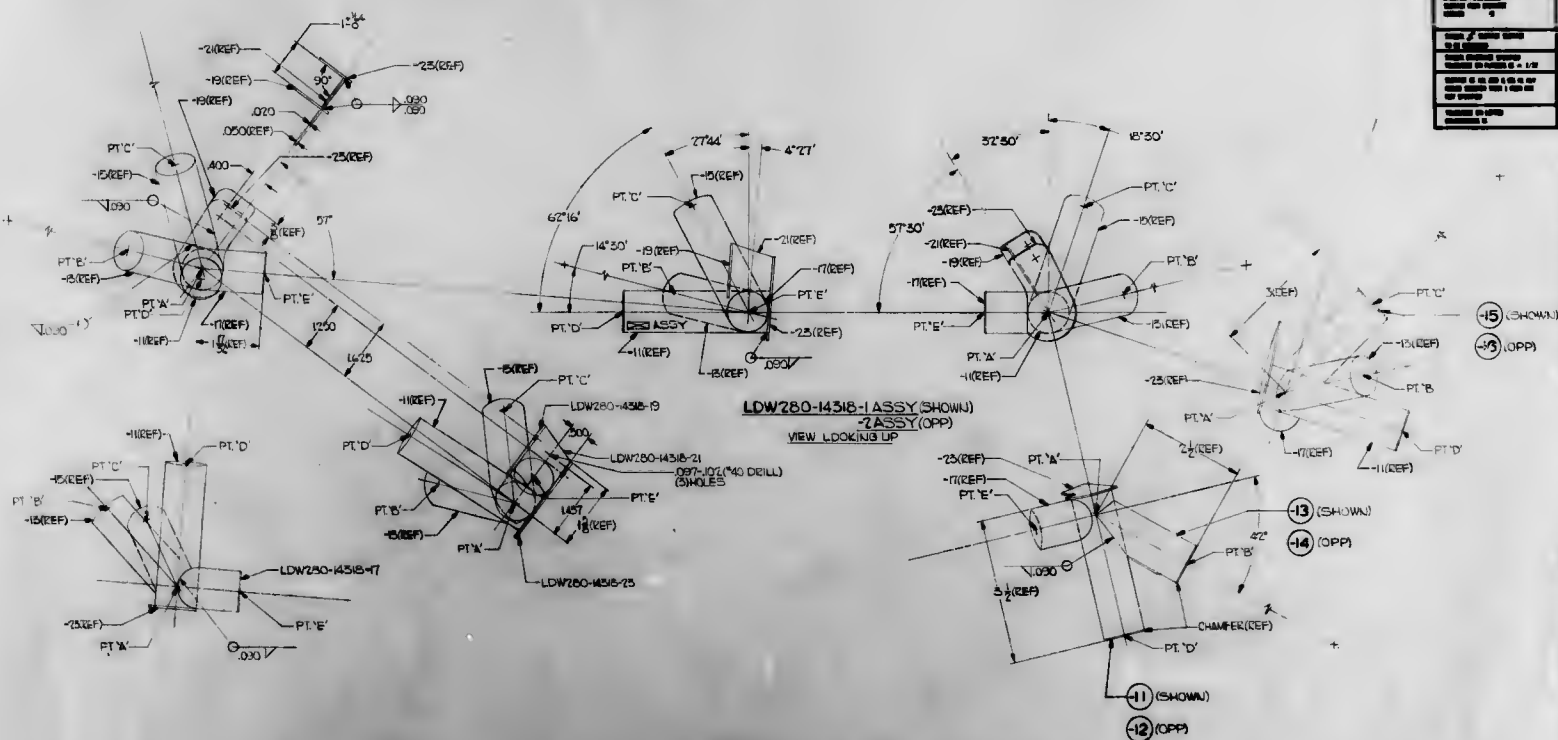
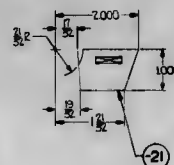
to the *Journal of Management Education* and the *Journal of Management Inquiry*.

	COORDINATES		
PTS	X	Y	Z
2	275.15	39.731	46.24
3	275.250	41.500	31.00
5	285.512	18.573	48.83
7	258.100	44.451	0.00

LDW280-14317-1 WELD ASSY (SHOWN)
-2 WELD ASSY (OPP)

GEORGE AIRCRAFT ENGINE CORP. BETHUNE, L. I. NEW YORK	
DATE	26512
LDW	280-14317

NOTES:
1. ANNEALED AREA ADJACENT TO WELD PERMISSIBLE.
2. WELDING PER LSP-14-6201, STANDARD NO. 3 DYE PENETRANT INSPECTION ONLY. RADIOGRAPHIC INSPECTION NOT REQD.
3. FILLET WELD 90° AT ALL JOINTS.
4. BRUSH ALODINE (FINISH #76) WELDED JOINTS.



1992-1993

FD-302 (Rev. 11-27-70) **ENCLOSURE** **LDW200-1436**



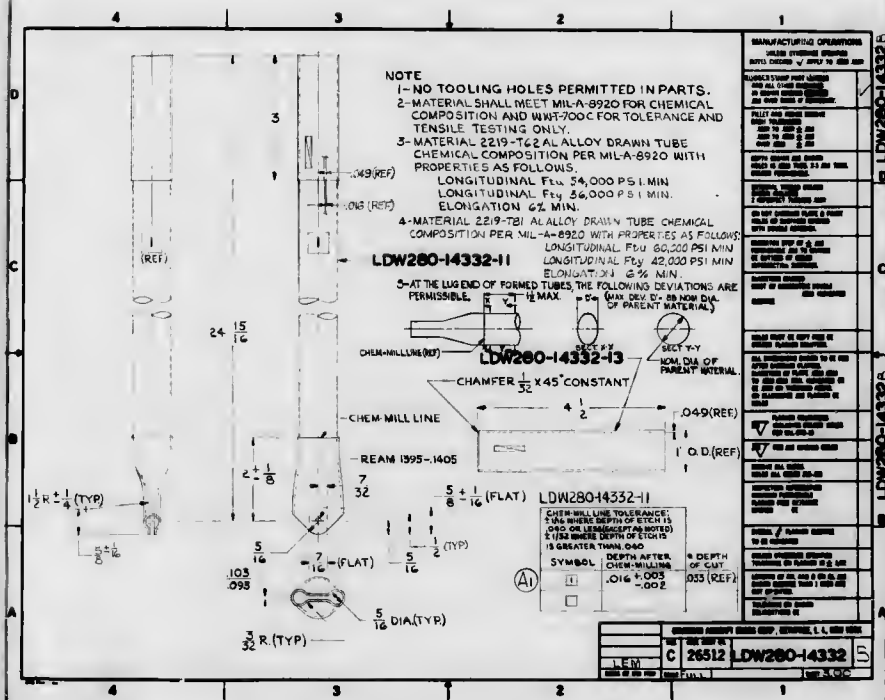
LDW280-14330-11 E-13

 \bar{A} DW280-14330A

A



NAS D-1100



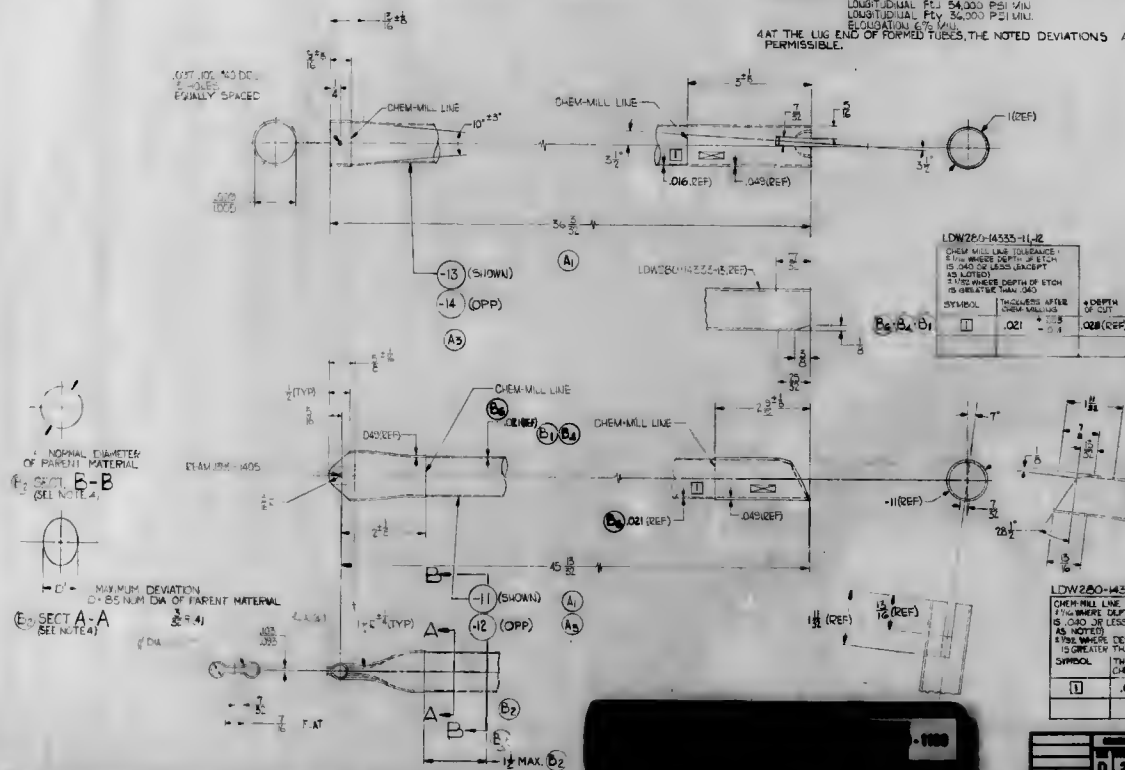
NOTES (CONTINUED)

5 AREAS OF ALUMINUM ALLOY TUBING THAT ARE COLD WORKED AND THEN CHEM-MILLED NEED NOT MEET THE SURFACE REQUIREMENTS OF LSP14-22100

NOTES:

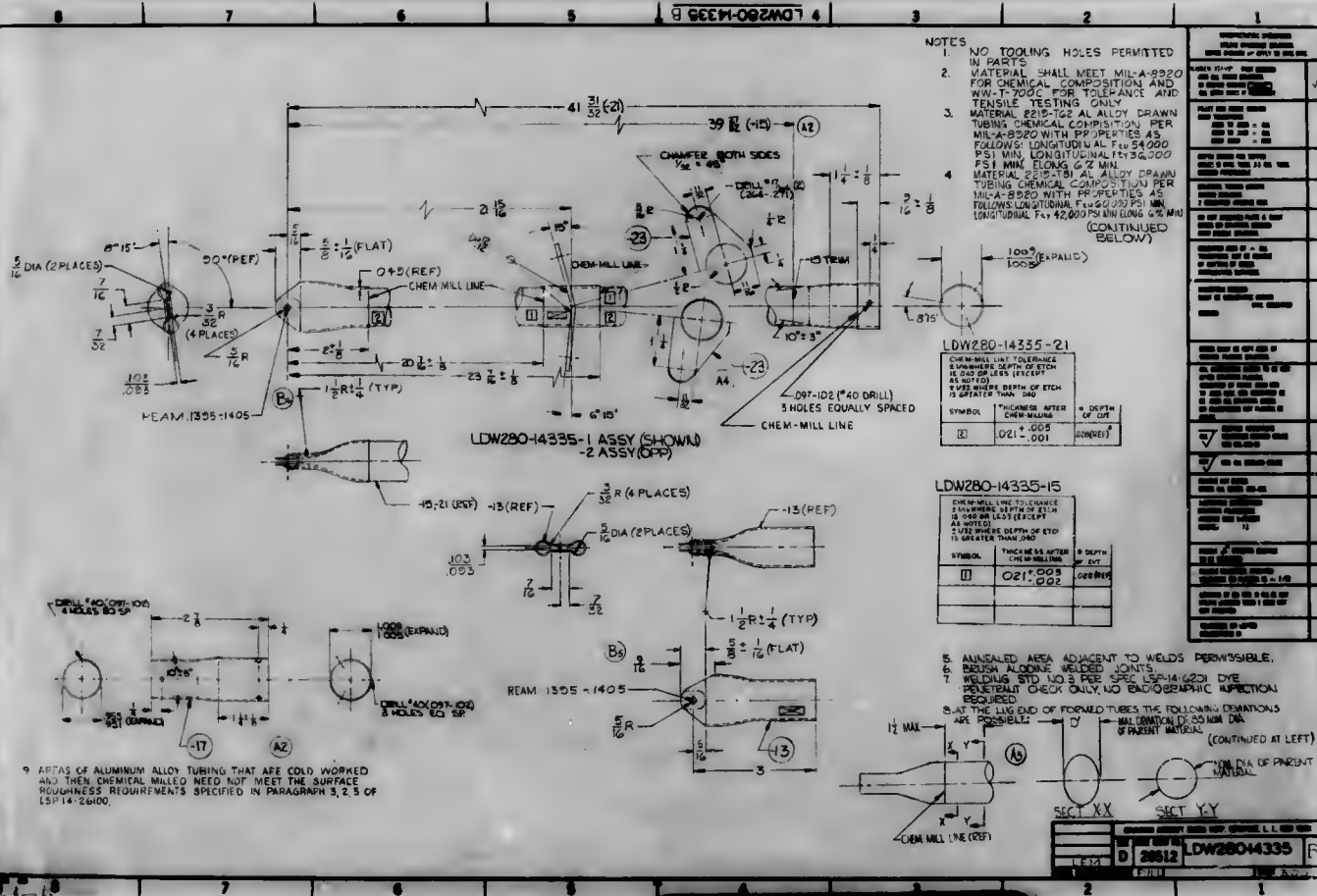
1. SWAGE PER LSP14-15500 USING CRITERIA FOR 2024 MATERIAL.
2. MATERIAL SHALL MEET MIL-A-8920 FOR CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES FOR TOLERANCE AND TENSILE TESTS ONLY.
3. MATERIAL 2219-T3 AL ALLOY DRAWN TUBE CHEMICAL COMPOSITION PER MIL-A-8920 WITH PROPERTIES AS FOLLOWS:
LONGITUDINAL R_p 54,000 PSI MIN.
LONGITUDINAL R_t 34,000 PSI MIN.
ELONGATION 6% MIN.

4. AT THE LUG END OF FORMED TUBES, THE NOTED DEVIATIONS ARE PERMISSIBLE.



SYMBOL	DESCRIPTION	REMARKS
1	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
2	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
3	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
4	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
5	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
6	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
7	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
8	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
9	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
10	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
11	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
12	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
13	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
14	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
15	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
16	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
17	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
18	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
19	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
20	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040

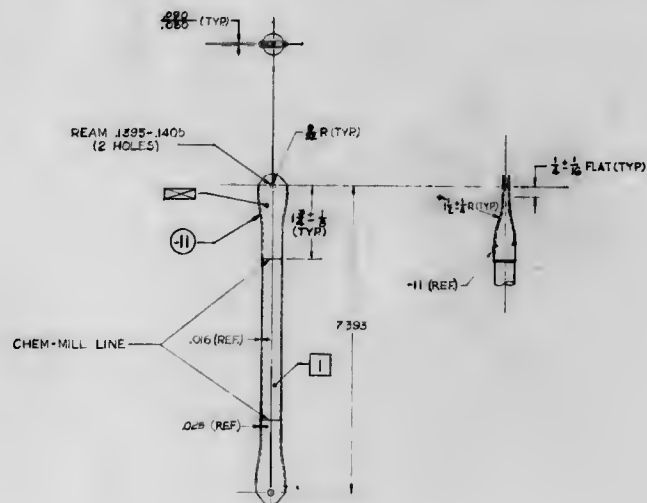
SYMBOL	DESCRIPTION	REMARKS
1	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
2	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
3	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
4	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
5	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
6	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
7	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
8	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
9	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
10	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
11	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
12	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
13	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
14	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
15	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
16	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
17	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
18	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040
19	CHEM-MILL LINE	1/16" WHERE DEPTH OF ETCH IS .040 OR LESS (DEPT AS NOTED)
20	CHEM-MILL LINE	1/32" WHERE DEPTH OF ETCH IS GREATER THAN .040



WHS 8-1100

7000-000000 4

NOTES:
1. NO TOOLING HOLES PERMITTED IN PARTS.

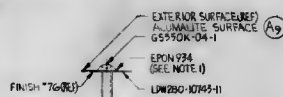


LDW 280-14338 -11

GUTTER AND LINE TOLERANCE 1/16" OR LESS (DEPTH) IS NO. 2000 OR LESS (DEPTH) IS AS NOTED 1/32" WHERE DEPTH OF 1/2 IS GREATER THAN .125"		
SYMBOL	THICKNESS AFTER C. MILLIN	1/2 DEPTH OF W.T.
II	.010 + .004 - .002	.012 (REF)

[illegible][illegible]

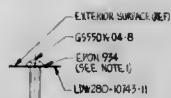
1988 1-1989



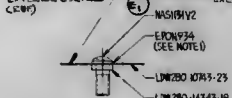
LDW280-14344-11 ASSY



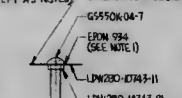
LDW280-14344-11 ASSY



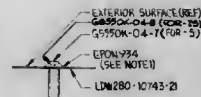
LDW280-14344-3 ASSY



LDW280-14344-9 ASSY



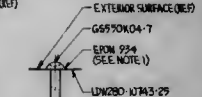
LDW280-14344-13 ASSY



LDW280-14344-5 ASSY



LDW280-14344-15 ASSY



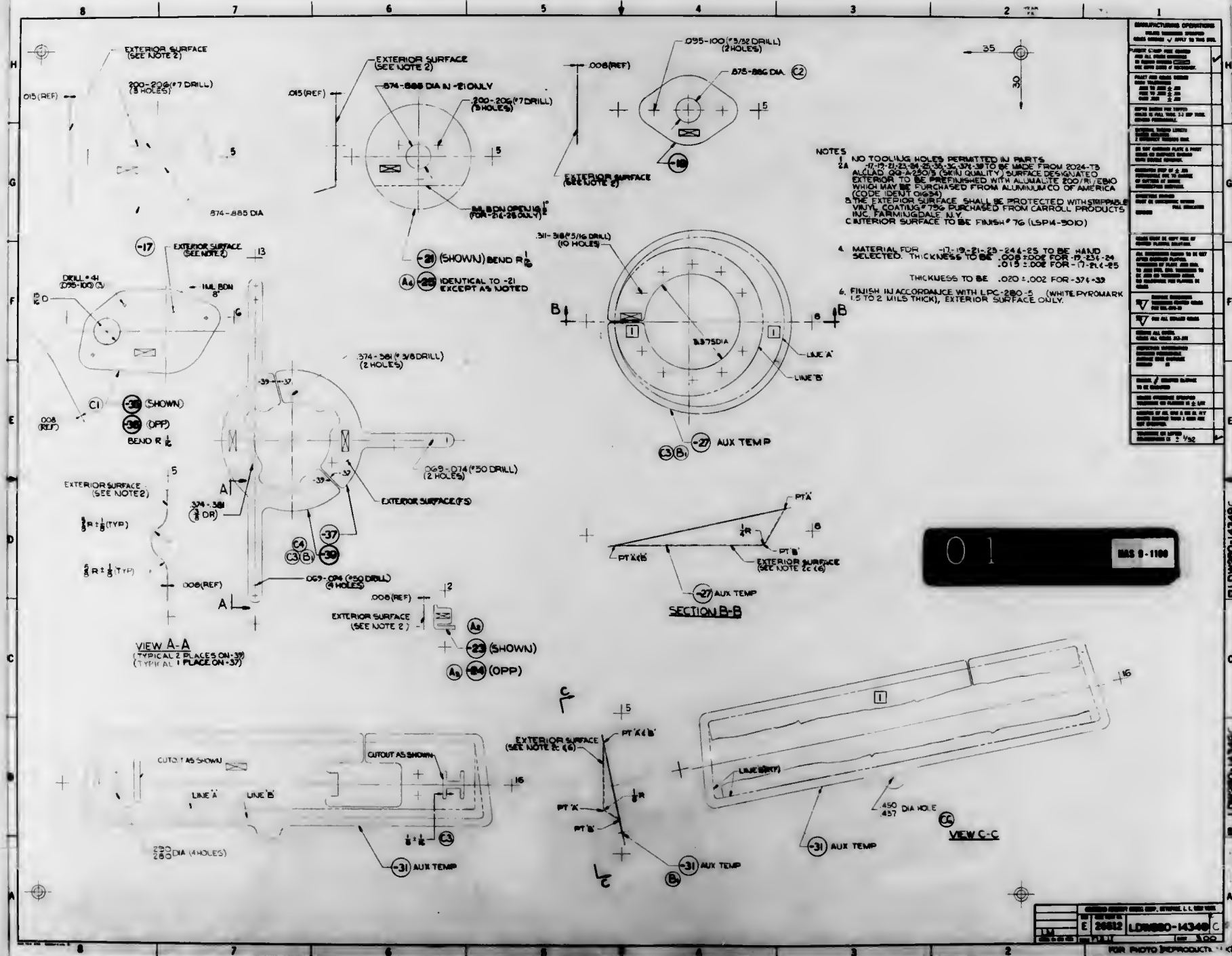
LDW280-14344-15 ASSY

NOTES:

1. BOND IN ACCORDANCE WITH LSWM-22200 USING EPOXY 934. CURE RANGE: 1. METAL SURFACES TO BE CLEANED WITH A CLEAN CLOTH AND MEK. 2. THIS DRAWING AFFECTED BY THE FOLLOWING LPM: SEE LPM 206 FOR EFFECTIVITY AND MODIFICATION (LPM 140).

REVISION	DATE	BY	CHKD	APPD
1	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
2	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
3	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
4	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
5	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
6	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
7	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
8	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
9	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
10	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN

1	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
2	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
3	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
4	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
5	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
6	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
7	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
8	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
9	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN
10	10/10/80	W. J. BROWN	J. L. BROWN	J. L. BROWN



PERSONAL INFORMATION
 NAME: [REDACTED] DOB: [REDACTED]
 ADDRESS: [REDACTED]
 CITY: [REDACTED] STATE: [REDACTED] ZIP: [REDACTED]
 PHONE: [REDACTED]

EMPLOYMENT HISTORY
 COMPANY: [REDACTED]
 POSITION: [REDACTED]
 START DATE: [REDACTED]
 END DATE: [REDACTED]
 REASON FOR LEAVING: [REDACTED]

EDUCATION
 SCHOOL: [REDACTED]
 DEGREE: [REDACTED]
 YEAR GRADUATED: [REDACTED]

REFERENCES
 NAME: [REDACTED]
 ADDRESS: [REDACTED]
 PHONE: [REDACTED]

COMMENTS
 [REDACTED]

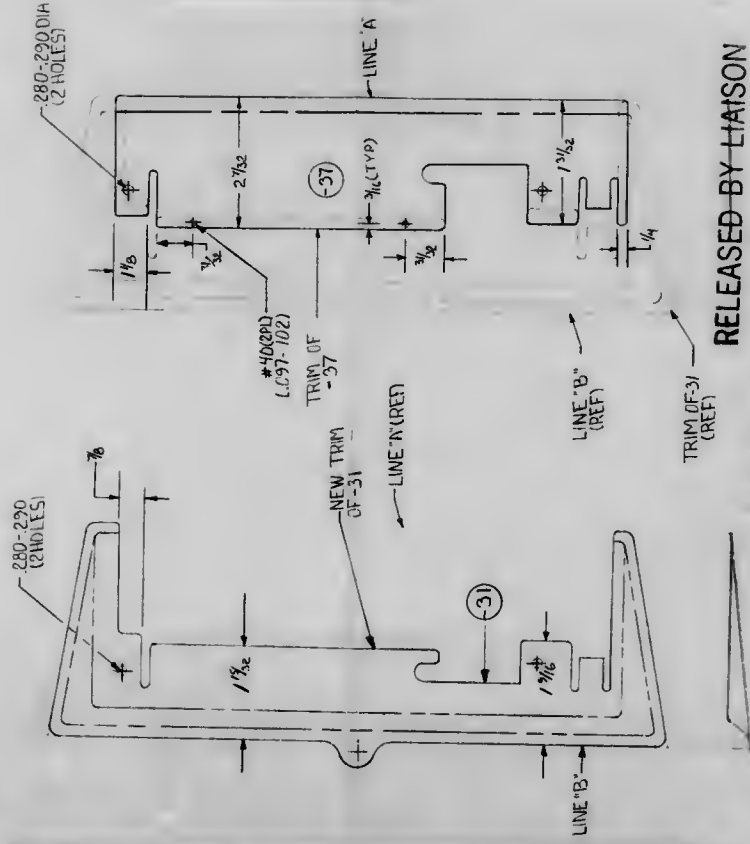
DWG NO.	LDW280-14349	ED NO.	D1
CONTROL INFO NO.	LM 5-19904		

CODE IDENT NO. 26512

ENGINEERING ORDER

IN FID REWORK -31 FOR LM-3

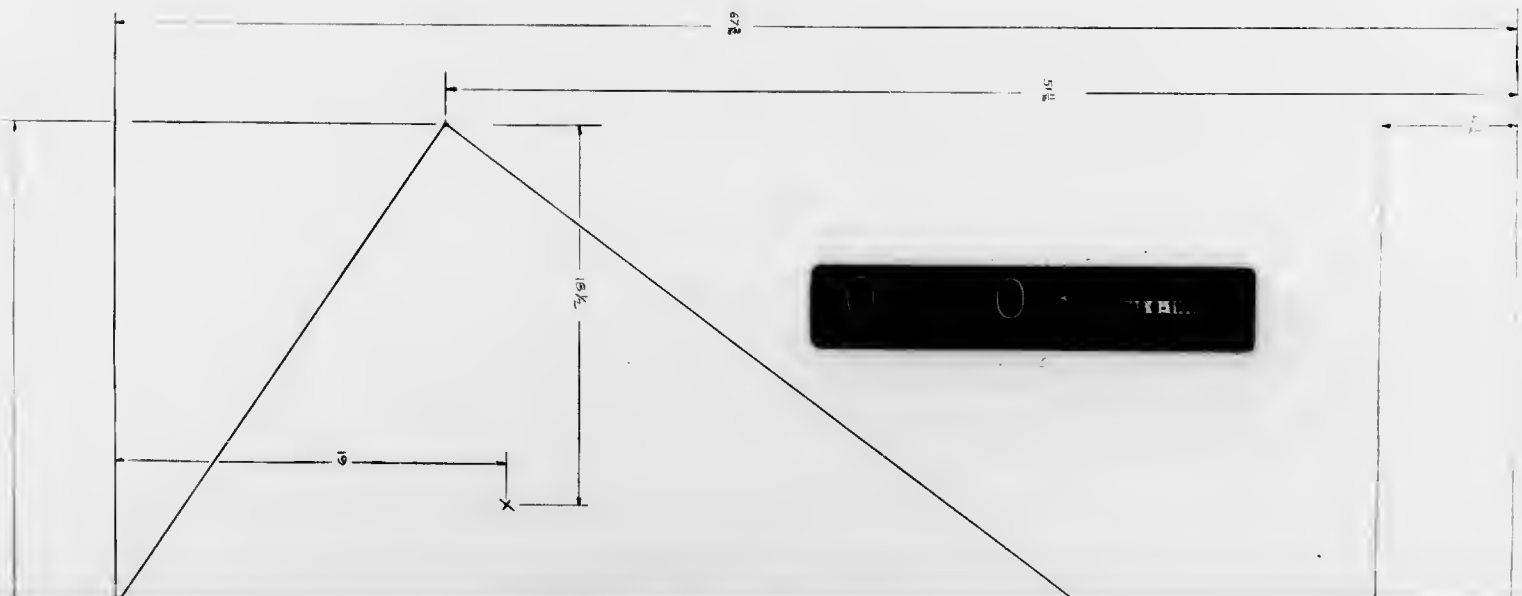
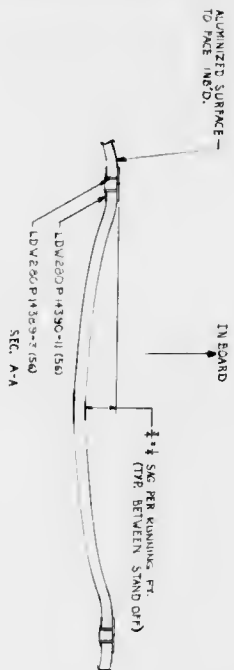
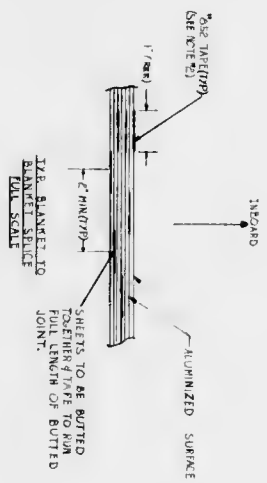
IN F/D REWORK -31 FOR LM-3
CREATE -37 SAME AS -31 EXCEPT AS SHOWN
IN MIB 4 LM. CREATE -37. SAME AS -31 EXCEPT STOCK
SIZE FOR -37 IS .020 X 5 X 17



RELEASED BY LIAISON

ALL DIMENSIONS SHOWN, EXCEPT FOR
HOLE CALLOUTS, ARE TO BE LOFTED

[illegible]



LDW250-14357-1 PLANT 1 AREA

20' 0"

63' 0"

41' 0"

36' 0"

50' 0"

2 POLY(S)
COORDINATE WITH LDW250-23457

A +

+ A



11101

INTERSECTION OF
X 276.187 (REF)
Y 30.056 (REF)

INTERSECTION
X 276.87 (REF)
Y 46.675 (REF)
- E 52250 (REF)

(11) (SHOWN)

(12) (OPP)

BEND R 1/8
EXTERIOR SURFACE NEAR SIDE

(11) (IDENTICAL TO 11 EXCEPT AS NOTED)

(12) (OPP)

IML BLP 11 1/2"

TRACE OF
E 7075 (REF)

EXT SURFACE (REF)

(13) DIMPLE 18 PLS
(SEE SECT A-A)

(14) SECTION A-A
(TYP 18 PUNCHES)
SCALE 1/2"

INTERSECTION OF
X 267.127 (REF)
Y 17.687 (REF)

.127-.155 (30 DRILL) 3 HOLES

1 / 0

NAS 9-1100

CODE IDENT NO 22542

LDW280-14395

TEMP 8.2

- 11 (CHUM)
- 12 (OPP)
- PET 14 1/8
- EXTERIOR SURFACE NEAR SIDE
- (1H) (IDENTICAL TO H EXCEPT AS NOTED)
- (12) (PP)

IML BLP 11 1/2

EXT SURFACE (REF)

DIMPLE @ FLS
(SEE SECT A-A)

SECTION A-A
(TYPICAL PLACES)
SCALE: 1/2

INTERSECTION OF
X 278.87 (REF)
Y 458.75 (REF)
Z 52.250 (REF)

- NOTES:
1. NO TOUNG HOLES PERMITTED IN PART
 2. MATERIAL FINISHES HANDLING AND PERMISSIBLE DEVIATIONS PER LFC 280-12

MANUFACTURING OPERATIONS	
1. NO TOUNG HOLES PERMITTED IN PART	
2. MATERIAL FINISHES HANDLING AND PERMISSIBLE DEVIATIONS PER LFC 280-12	
3. EXTERIOR SURFACE NEAR SIDE	
4. DIMPLE @ FLS (SEE SECT A-A)	
5. EXT SURFACE (REF)	
6. INTERSECTION OF X 278.87 (REF) Y 458.75 (REF) Z 52.250 (REF)	
7. IML BLP 11 1/2	
8. PET 14 1/8	
9. 12 (OPP)	
10. 11 (CHUM)	

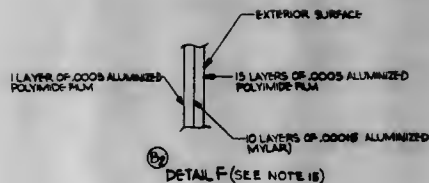
12/00

NAS 8-1100

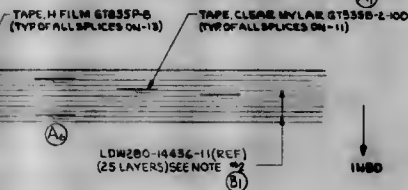
CODE IDENT NO 26512
LDW280-14395

QUANTITIES SHOWN IN THIS DRAWING ARE FOR INFORMATION ONLY AND ARE NOT TO BE USED FOR ORDERING PURPOSES.		
ITEM NO.	26512	DESCRIPTION LDW280-14395
REV.	1	DATE 10/1/82
FOR PHOTO REPRODUCTION		

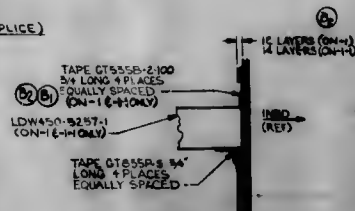
LDW280-14395 A



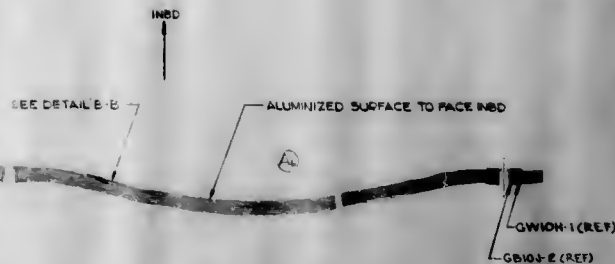
NOTE:
THE STAGGERED PATTERN AS SHOWN
IS TO BE REPEATED AS MANY TIMES REQD.
LDW280-14436-15 (REF) (B)
(5 LAYERS) SEE NOTE #3



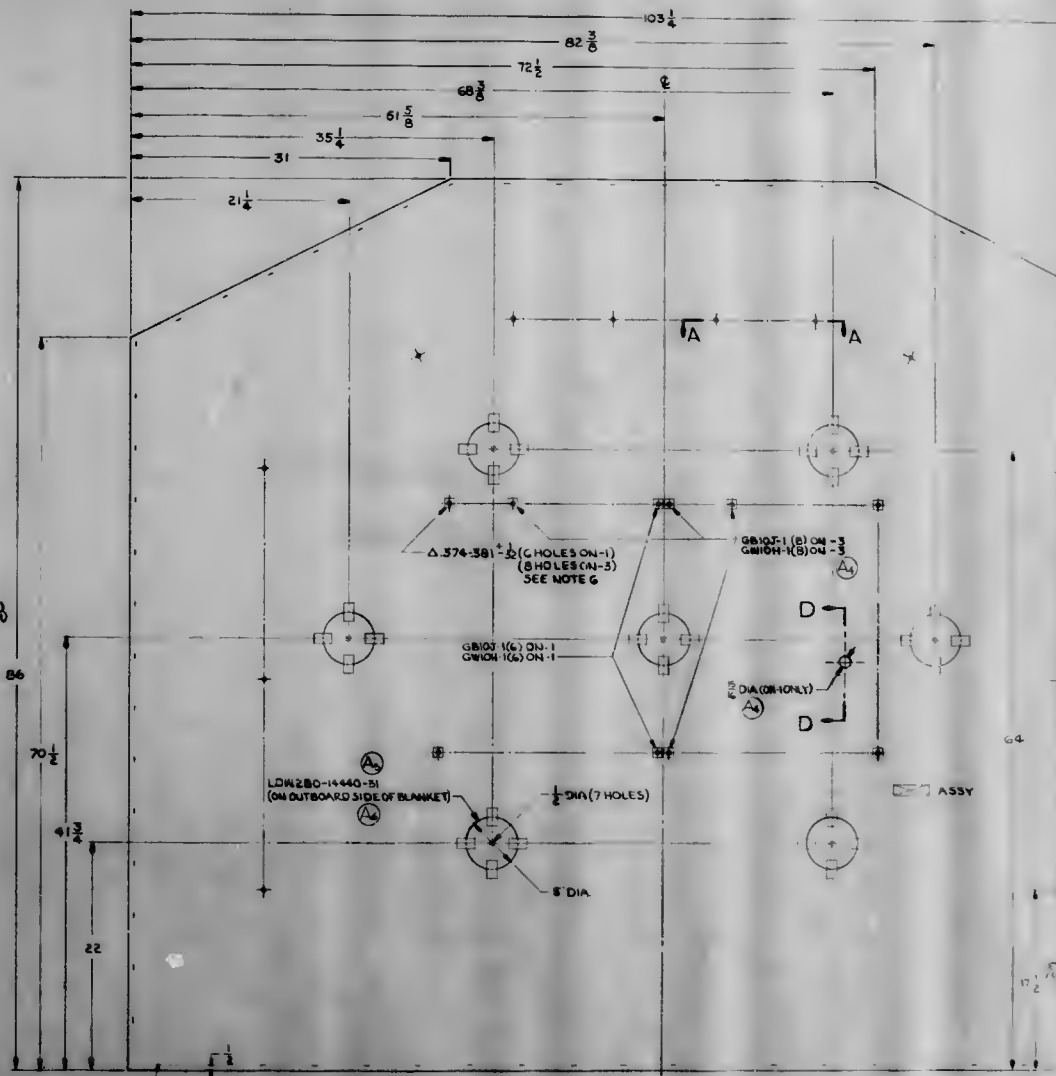
DETAIL B-B (TYP BLANKET SPLICE)
SCALE: NONE



SECTION D-D
SCALE: NONE



SECT. A-A
SCALE: FULL



88677A
SEE NOTE 7

LDW280-14436-1 ASSY
LDW280-14436-3 ASSY (SAME AS- EXCEPT AS NOTED)
-5 ASSY (SAME AS-3 EXCEPT AS NOTED)

LDW280-14436

B

X225.791(REF)

-Y21.906(REF)

X267.750(REF)
-Y21.906(REF)

-63 TRIM

MS20470B3 (24) ON -85
(SEE NOTE 4)

GWION-3 N.S.
MS2042GB3
MFD HD ON N.S.
TYP (2) PLACES
ON -85 (SEE NOTE 4)

LDW280-14470-47
(ON F.S.)

-29 TRIM

-63 TRIM

AS DIMPLE HOLES N.S.
SEE SECT A-A
SEE NOTE 2
ON -29 ONLY

AS DIMPLE HOLES F.S.
SEE SECT A-A
SEE NOTE 2
ON -29 ONLY

29 IML BDN
-29 IML BDN CL 37"

-29 TRIM
-63 TRIM

GWION-3
MS2042GB3
MFD HD N.S.
TYP (2) PLACES
ON -85 (SEE NOTE 4)

AS (FS)

AS ASSY (FS)

TEMPERATURE CONTROL SURFACE EXTERIOR

AS
AS
AS
END 2.010

AS IDENTICAL TO -29 EXCEPT AS SHOWN AS

AS
(ZONERASH) A

MS20470B3 (13) ON 85
(SEE NOTE 4)

-29 63 IML BDN
-29 63 IML BDN CL 37"

GWION-3 ON F.S.
MS2042GB3
MFD HD ON F.S.
TYP (2) PLACES ON -85
(SEE NOTE 4)

LDW280-14470-47

-63 TRIM
-29 IML BDN CL 37"
29 IML BDN

437-443 (7) HOLES

-63 TRIM
-29 TRIM

MS20470B3 (24) ON -85
(SEE NOTE 4)

AS DIMPLE HOLES N.S.
SEE SECT A-A
SEE NOTE 2
ON -29 ONLY

-63 TRIM

LDW280-14470-85 ASSY
(EXTERIOR SURFACE N.S.)

03

NAS 9-1100

CODE IDENT NO 26912
LDW280-14470

20

19

18

17

-Y32.656(REF)

DIMPLE 7 HOLES N.S.
(ON -27 ONLY)
(A3) SEE SECT A-A (ZONE 2A SH5)
(SEE NOTE 2)

-437-443 7 HOLES

IML BDN 11 1/2" -27 1/2-68

IML BDN -27

IML BDN CL 37" -27

DIMPLE 4 HOLES N.S.
(ON -27 ONLY)
SEE SECT A-A (ZONE 2A SH5)
(SEE NOTE 2)

-MS20470B3 (20) (ON-87)
(SEE NOTE 4)

LDW280-14470-50

GWION-3
MS20426B3
MFD HO N.S.
TYP (G) PLACES
ON-87 (SEE NOTE 4)

DIMPLE 12 HOLES F.S.
(ON -27 ONLY)
SEE SECT A-A (ZONE 2A SH5)
(SEE NOTE 2)

IML BDN CL 37" -27 1/2-68

IML BDN -27 1/2-68

-27 TRIM

-68 TRIM

-27 IML BUP

-27 IML BUP CL 37"

GWION-3

MS20426B3

MFD HO N.S.

TYP (G) PLACES

ON-87 (SEE NOTE 4)

[] (FS)

ASSY FS

(A3) (A4) (A5)

(27) SEND R.DIG

(27) IDENTICAL TO -27 EXCEPT AS SHOWN

(27) IDENTICAL TO -27 EXCEPT AS SHOWN (B3) (C4)

MS20470B3 (3) (ON-87)
(SEE NOTE 4)

TEMPERATURE CONTROL SURFACE EXTERIOR

-68 TRIM

-MS20470B3 (20) (ON-87)
(SEE NOTE 4)

LDW280-14470-57

-68 TRIM

-27 TRIM

IML BUP -27

IML BUP CL 37" -27

GWION-3
MS20426B3
MFD HO N.S.
TYP (G) PLACES
ON-87 (SEE NOTE 4)

X225.781(REF) (A4)

-Y21.806(REF)

LDW280-14470-27 ASSY (B3) (F5) (C4)
(EXTERIOR SURFACE N.S.)

X267.750(REF)

-Y21.906(REF)

-Y20.845(REF)

IML BDN 11 1/2"

-68-106 (MIDRILL)

03

NAS 8-1100

CODE IDENT NO 28542

LDW280-14470

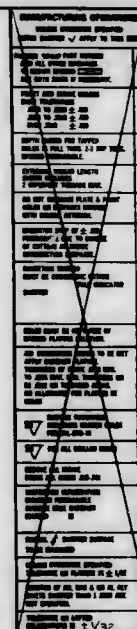
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NAS 9-1104

REVISIONS													
CHANGE LTR ITEM NO.	SHEET NO.	ZONE	GRUMMAN INFO ONLY	DET SPEC	CLASS I	CLASS II	ENGRG ORDER	DESCRIPTION	EFFECTIVITY	DISPOSITION OF EXISTING PARTS		CHANGED DATE	ENGRG APPD
										REWORK	SCRAP		
A 1	1, 110+2	A				✓	LEO280-16	(FOR-11), FINISH "76" SHOULD BE "NONE", REMOVED ALODINE PER LSP14-9010. (SH.1 OF 4 WAS SH.1 OF 3, ADDED SH.1.10).	NOTED	✓		PACKED 9/27/64	
2							LEO280-25	INM/B ADDED LEM-2(32) & LEM-3(33) EFF	NOTED				
3	1	A						IN-11 MODEL BLOCK REVISED EFFECTIVITY WAS LTA-3(13), LTA-5(15), LTA-6(18), LEM-1(31), LEM-2(32), LEM-3(33) & DESTRUCT TEST. N/A WAS LDW280H 23904	NOTED		-11		
4	3	A						ADDED -13 & NOTE 4. ADDED -13 TO NOTE 3					
5	1 & 2	A						ADDED -13		NOT REQD			
B 1	1						EO B1	FOR-11, DELETE LEM-2 EFF. N/A FOR LEM-1 WAS LDW280H 25904 FOR-13, ADD LEM-2 EFF. FOR LTA-3(4) REQ/MOD WAS (B) REQ.	NOTED		✓	FRANK 11-9-65	

FOR CONTINUATION OF REVISIONS SEE SHEET

ENG 77.3 5-64

GRUMMAN AIRCRAFT ENGRG CORP., BETHPAGE, L. I., NEW YORK

SIZE B	CODE IDENT NO. 26512	LDW280-15544	B
SCALE NONE	SHEET 1.10		

01

NAS 9 - 1100

REVISIONS FOR CONTINUATION OF REVISIONS SEE SHEET _____

CHANGE LTR ITEM NO.	SHEET NO.	ZONE	GRUMMAN INFO ONLY	DET SPEC	CLASS I	CLASS II	ENGRG ORDER	DESCRIPTION	EFFECTIVITY	DISPOSITION OF EXISTING PARTS		CHANGED BY AND DATE	ENGRG APPD	GOVT APPD
										REWORK	SCRAP			
A 1	1.00	B						INC ED A1 - ADDED 'SH. 1.10	LM-6 THRU LM-15 QUAL TEST DESIGN FEASIBILITY			W. VAN VORST 3-24-69		
2	2.00	B					INC ED A2							
3	1.00						INC LEO 280-1235	LM-6 THRU LM-8						
4	1.00						INC LEO 280-1257	LM-15						
5	1.00						INC LEO 280-1282	LM-9	# 9.					
6	1.00						INC LEO 280-1306	QUAL TEST						

LTR	GROUP LDR	V D I	STRUCT	STRUCT	WEIGHTS	RELIABILITY	GRUMMAN AIRCRAFT ENGRG CORP., BETHPAGE, L. I., NEW YORK			
							SIZE	CODE IDENT NO.		
A							B	26512	LDW280-15570	A
							SCALE	NONE	SHEET	1.10

ENG 77 10 3-60

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NAS 9-1100

ENGINEERING ORDER

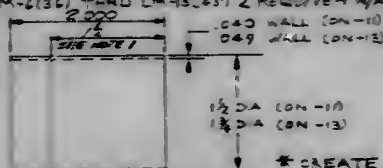
TIME
IN LDW280-5573 18
WE A

LDW280 B2669

-11 EFF QUAL TEST (72) (DES FEAS (70) 2 REQD/TEST N/A LOW 280-15568
EFF LM-6(30) THRU LM-45(45) 6 REQD/VEH N/A LOW 280-15568
-13 EFF QUAL TEST (72) (LM-6(36) THRU LM-45(65) 2 REQD/VEH N/A LOW 280-15568

102290-5573-3
X20 STEEL TYPE
304 CRES
20255 EXCLO
RM 14 NONE

-X: PRACTICE RECORDS
 I 64 I.OYO
 I ET: S IN RECOGNITION
 -PC 19-3 (VENDOR)
 -PC 19-2 (BANKMAN)



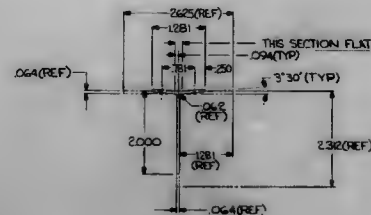
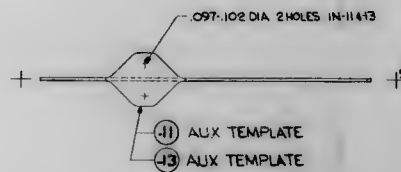
* CREATE NEW DWG

NOTE 3: LOW250-15573-11K-3 SHALL BE CLEANED, GLASS BEAD PEENED & MARKED IN ACCORDANCE WITH PARAGRAPHS 3.4, 3.4.1 & 3.5 OF BRIMMAN SPEC LSP-14-70214 AMENDMENT NO.2 AN ALTERNATE TO GLASS BEAD PEENING-11K-3 MAY BE CHEMICALLY PRETREATED IN ACCORDANCE WITH BRIMMAN SPEC LSP-14-70214 AMENDMENT NO.2

[illegible]

WAS 9-1100

SUPPLEMENTARY DATA	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE TO BE APPLIED TO THE DRAWING	
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NOTES:

1. NO TOOLING HOLES PERMITTED IN PARTS
2. BREAK ALL EDGES .015 RADIUS
3. SULPHURIC ACID ANODIZE PER MIL-A-8625 TYPE II
4. AGE PRIOR TO ANODIZING TO CONDITION T8511 PER MIL-H-6088.

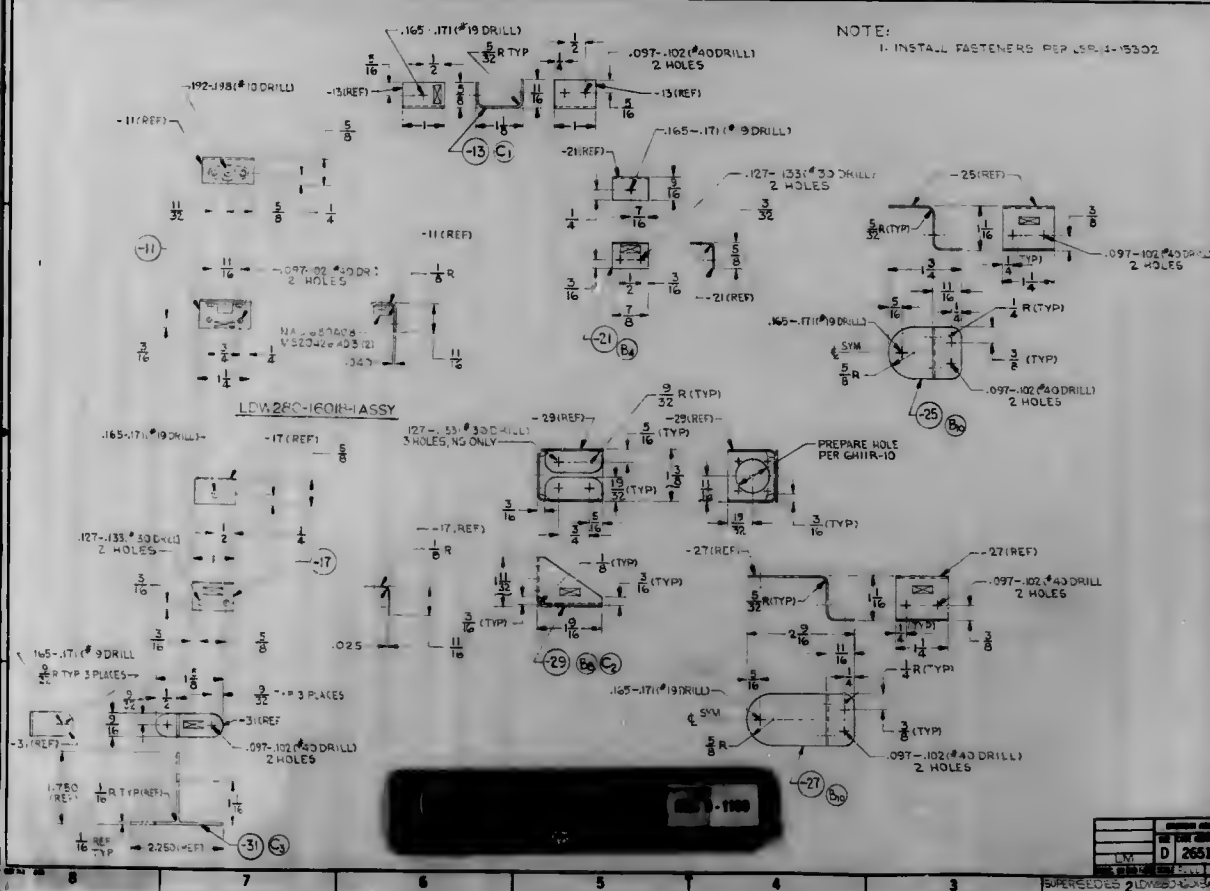
NAS-9-1100

GENERAL ENGINEERING	
DRAWING NO. 2812	
DRAWING NO. 15500	
FOR PHOTO REPRODUCTION	

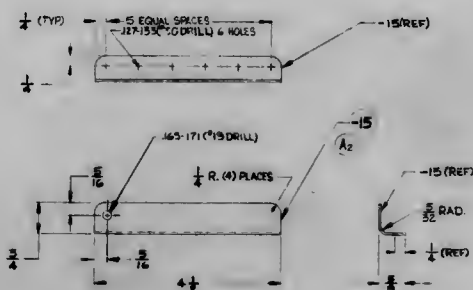
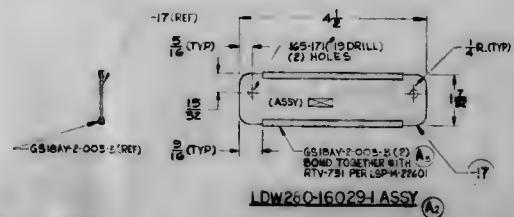
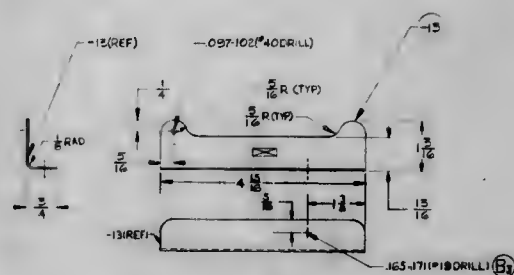
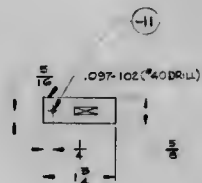
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								LEM LDW280-28609 LTA-6(18) 1 LEM LDW280-25559 LTA-1(11) 1 PART NO. LDW280-16009-11			
								LEM LDW280-52352 LEM-2(30) 1 EA LEM LDW280-51352 LEM-1(30) 1 EA LEM LDW280-28352 LTA-8(18) 1 EA PART NO. LDW280-16009-3,5,7,9 E-13			
LEM LDW280-54352 LEM-15(45) 1 EA LEM-12(44) 1 EA LEM-13(43) 1 EA LEM-12(42) 1 EA LEM-11(41) 1 EA LEM-10(40) 1 EA LEM-9(39) 1 EA LEM-8(38) 1 EA LEM-7(37) 1 EA LEM-6(36) 1 EA LEM-5(35) 1 EA LEM-4(34) 1 EA LEM-3(33) 1 EA LDW280-54352 LDW280-53352				LEM LDW280-54352 LEM-15(45) 2 LEM-14(44) 2 LEM-13(43) 2 LEM-12(42) 2 LEM-11(41) 2 LEM-10(40) 2 LEM-9(39) 2 LEM-8(38) 2 LEM-7(37) 2 LEM-6(36) 2 LEM-5(35) 2 LEM-4(34) 2 LEM-3(33) 2 LDW280-54352 LDW280-53352							
MODEL OR END ITEM NEXT ASSY PART NO. LDW280-16009-19-21				MODEL OR END ITEM NEXT ASSY PART NO. LDW280-16009-17				MODEL OR END ITEM NEXT ASSY PART NO. LDW280-16009-29			
MODULE OR SER NO. 30- GAGE SCH NO. 30-				MODULE OR SER NO. 30- GAGE SCH NO. 30-				MODULE OR SER NO. 30- GAGE SCH NO. 30-			
FOR ADDITIONAL USAGE INFORMATION SEE SH. 101											
SH REV STATUS FOR DESCRIPTION OF REV SEE SUBO SH SHEET 1.00 1.01 1.10 1.11 2.00 2.01 3.00 1.12 REV D D C C D D B B SHEET REV SHEET REV				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCE UNLESS SPECIFIED FRACTIONS - DECIMALS - ANGLES 1/16 1/32 1/64 1/2 1/4 3/8 1/2 3/4 1 1 1/2 2 3 4 5 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 140 142 144 146 148 150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200 202 204 206 208 210 212 214 216 218 220 222 224 226 228 230 232 234 236 238 240 242 244 246 248 250 252 254 256 258 260 262 264 266 268 270 272 274 276 278 280 282 284 286 288 290 292 294 296 298 300 302 304 306 308 310 312 314 316 318 320 322 324 326 328 330 332 334 336 338 340 342 344 346 348 350 352 354 356 358 360 362 364 366 368 370 372 374 376 378 380 382 384 386 388 390 392 394 396 398 400 402 404 406 408 410 412 414 416 418 420 422 424 426 428 430 432 434 436 438 440 442 444 446 448 450 452 454 456 458 460 462 464 466 468 470 472 474 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LDW260-16018 C

NOTE:
1. INSTALL FASTENERS PER LSR-1-5302



LDW260-16029 B



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- [illegible]

MEMORANDUM FOR THE DIRECTOR
SUBJECT: [REDACTED]
DATE: [REDACTED]
BY: [REDACTED]
FOR THE DIRECTOR: [REDACTED]
1. [REDACTED]
2. [REDACTED]
3. [REDACTED]
4. [REDACTED]
5. [REDACTED]
6. [REDACTED]
7. [REDACTED]
8. [REDACTED]
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97. [REDACTED]
98. [REDACTED]
99. [REDACTED]
100. [REDACTED]

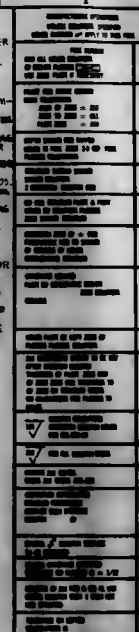
E742 77 2 9-54

NAS 9-1100

NOTES CONT.
NAMEPLATE TO BE INSTALLED AS CLOSE TO
TRANSDUCER AS POSSIBLE. ENGINEERING TO BE
NOTIFIED OF LOCATION OF INSTALLED NAMEPLATE.

NOTES:

1. WELD/JUNCTION WELDING-STEEL OR 3/4" PIPE PER MIL-N-BUILD USING HOT TACK FILLER ROD.
2. ALL AREA TO BE WELDED MUST BE PERMISSIBLE.
3. ALL WELLS ARE CRITICAL.
4. PROOF PRESSURE TEST (HYDRO-STATIC) HELD FOR 15 TO 30 MIN AT ROOM TEMPERATURE FOR ONE MINUTE, NO LEAKAGE OR PERMANENT DEFORMATION OCCURRED.
5. WELLS 18" OR OVER DIA. ASSEMBLY WITH 100% INSULATION.
6. COMPARISON AT THE JOINTS ARE DIFFERENTIAL. RETURN TO BE CONTINUOUSLY MONITORED THROUGHOUT THE WELDED JOINT LEAK RATE PER REVIEWS.
7. FINAL ASSEMBLY SHALL BE IDENTIFIED PER ISPM AND PER ISM FOR EACH PIPE.
8. REMOVE ALL INTERNAL WELD BEADS OR REWORK.
9. COMMERCIAL PRINTS SEE SPECIFICATION CONTROL DRAWING BEFORE OFFPRINT.
10. THIS SURFACE TO BE FREE FROM SPIRALS & CRACKS. MINOR CRACKS TO BE REWORKED. TOOL MARKS ONLY WILL BE ALLOWED.
11. ALL SURFACES TO BE FINISHED TO CONFORM TO COMP. WITH EIR (FLATNESS) INDICATOR READING ± 0.001".
12. COMPLY WITH PER 220220-200MM PER INSTALLED ORBART OR PRINTED MEASUREMENT. ISM TO BE WIPED TO BE SATURATED WITH AN APPROVED SOLVENT PER ISM. IF CRACKS OR OTHER DEFECTS ARE OBSERVED OR PER MEASUREMENT, THE SCOUT SAMPLE, RO-TEMP CURVE FOR DAYS



0-20000 LOW200-00051

- NOTES

[illegible]

MANUFACTURING OPERATIONS

✓ APPLY TO YOUR COMPANY

SEE US FOR YOUR FIRST ORDER
AND ALL OTHER ORDERS
IN ORDER "PAPER CRAFTS"
AND ORDER "CRAFTS" "CRAFTS".

FILES	AND	UNIQUE	COUNTS
1000	TO	1000	1
1000	TO	1000	1
1000	TO	1000	1

DEPTH GAUGES ARE TYPED
IN INCHES OR FEET. 2-3 INP TOL.
GROSS FURNISHABLE.

IN HOT CAPSULE PLATE & POINT
WELD IN CAPSULE CHAMBER
WITH INSIDE ATTACHMENT.

QUANTITY UP TO 1,000
PUSHABLE BUT NO CHANGE
IN OFFERS AT 100%
DISCOUNTING OFFERS.

FROM THE
 RIGHT TO WORKERS
 FULL EMPLOYMENT
 PROGRAM

WALSH SHOULD BE KEPT CLOSE TO
CHIEF CLAYTON BRANTLEY.

TO ADD COAL OIL. EXPENSES TO
BE PAID ON VARIOUS ACCOUNTS
ON ACCOUNT OF THE PLANT IN

STANDARD PLACEMENT
REPLACING MISSING CEMENT
 See ENR-375-10

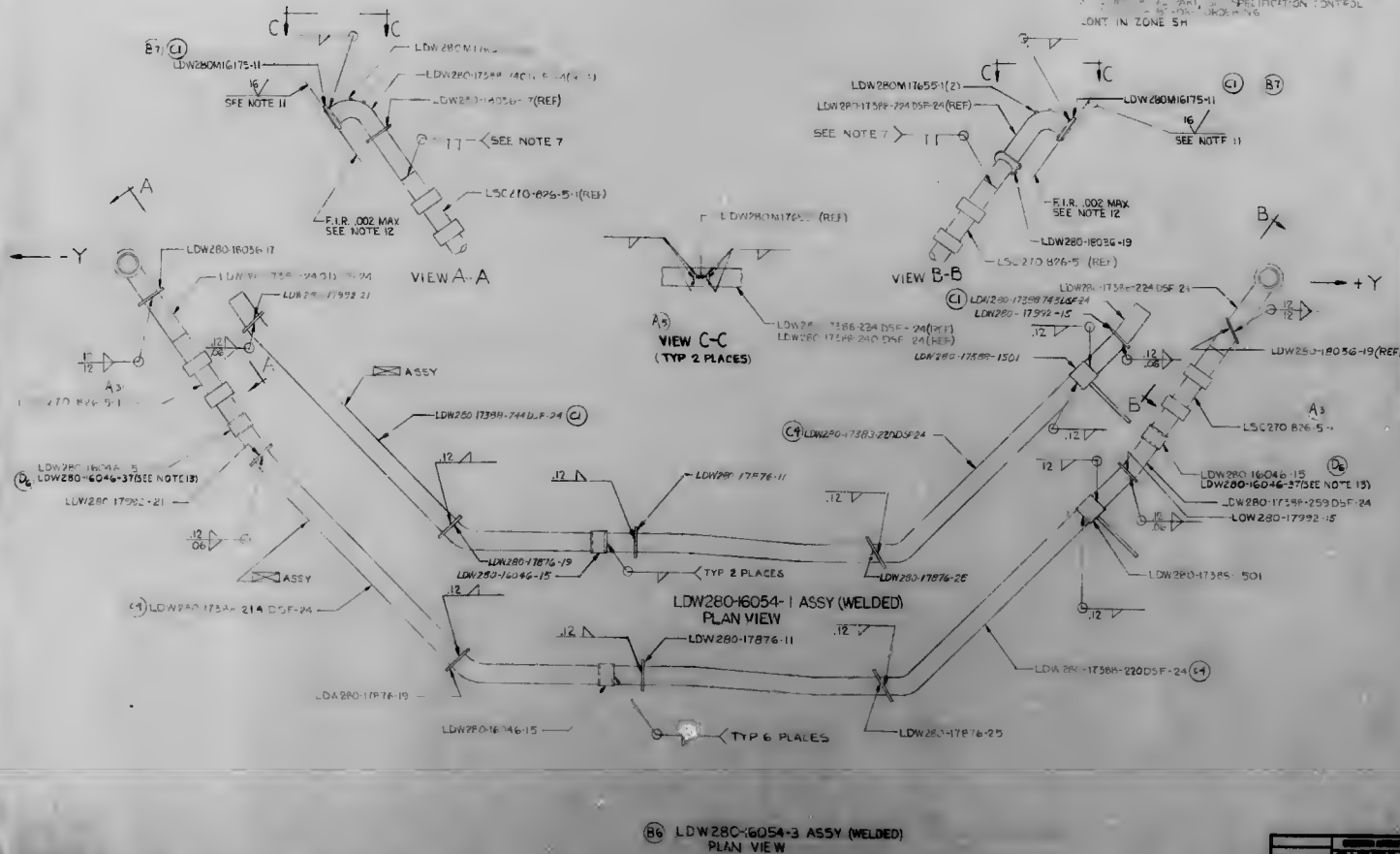
STANDARD 4.1. CHINA
CHINA 4.1 CHINA 4.1-4.2

1. NAME
 2. ADDRESS
 3. CITY
 4. STATE

STERN / SERVICE CHARGE
TO BE CASHED

STERN / SERVICE CHARGE
TO BE CASHED

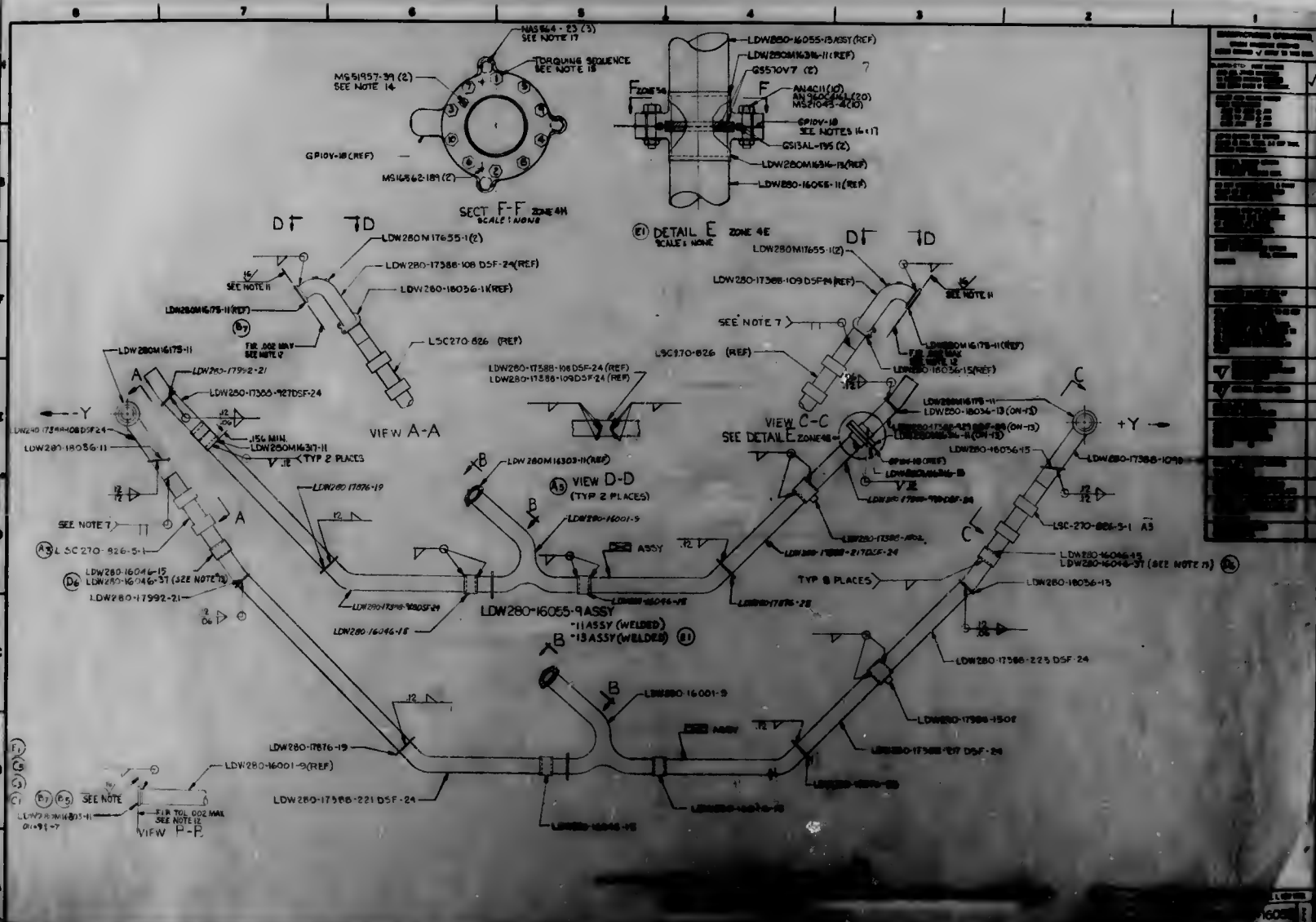
STUDENTS OF ALL AGES CAN ENJOY THE
EXCITING ADVENTURE OF THE GREAT
OUTDOORS.

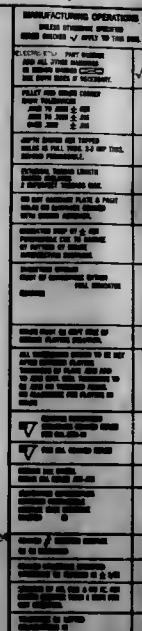
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GENERAL INVESTIGATIVE DIVISION, CHICAGO, ILL. MAY 1968	
FILE NO.	26512 LDW280-18054
DATE	MAY 14 1968
TIME	3:00

[illegible]

NAS 9-1100





DRAWING NO.	DASH NO.	NEXT ASSY.	NO. REQ.	CHG. NO.
LDW280-53622	-3	LDW280-54608	1	C5
-18036	-11	-16055	1	
	-15	-16055	1	
	-17	-16054	1	
	-19	-16054	1	
18036	-21	-16057	1	
	-17972	-16057	1	C1
-16077	-1	-54608	1	B1
LDW280-16078	-1	-54608	1	A6
LDW280M15564	-12	-54608	14	B5
LDW280-54608	-27	LDW280-54608	1	J4

B9

DRAWING NO.	DASH NO.	NEXT ASSY.	NO. REQ.	CHG. NO.
LDW280-16054	-3	LDW280-54608	1	D10
-16057	-7		1	D9
-16054	-3		1	D9
-16055	-7	-54608	1	D9
-18063	-11	-16054	1	A9
LDW280-18063	-13	-16056	1	
LDW280M16193	-11	-54608	4	B4
M16193	-13		4	
M16176	-11		4	A8
M16177	-11		4	A6
M16178	-11		2	A8
M16179	-11	-54608	2	A6
M16175	-11	-16054	2	A6
M16175	-11	-16055	2	
M17655	-1	-16054	4	B8
M17655	-1	-16055	4	
M17655	-1	-16056	4	
M17655	-3	-16057	4	
M16179	-11	-16056	2	A7
M16174	-11	-16057	2	A7
M15565	-15	-54608	1	C3
M15565	-16		1	
M15564	-16		1	A9
LDW280 M15564	-16		1	
LDW270M10065	-11		2	A9
LDW270M10065	-13		2	A9
LDW280-23619	-9		1	D5
LDW280-23620	-11		1	E1
LDW280-53621	-3	LDW280-54608	1	B9

113 AFFILIANT SHIP II
TYPE SUBSTITUTION

14 187277

232 2800

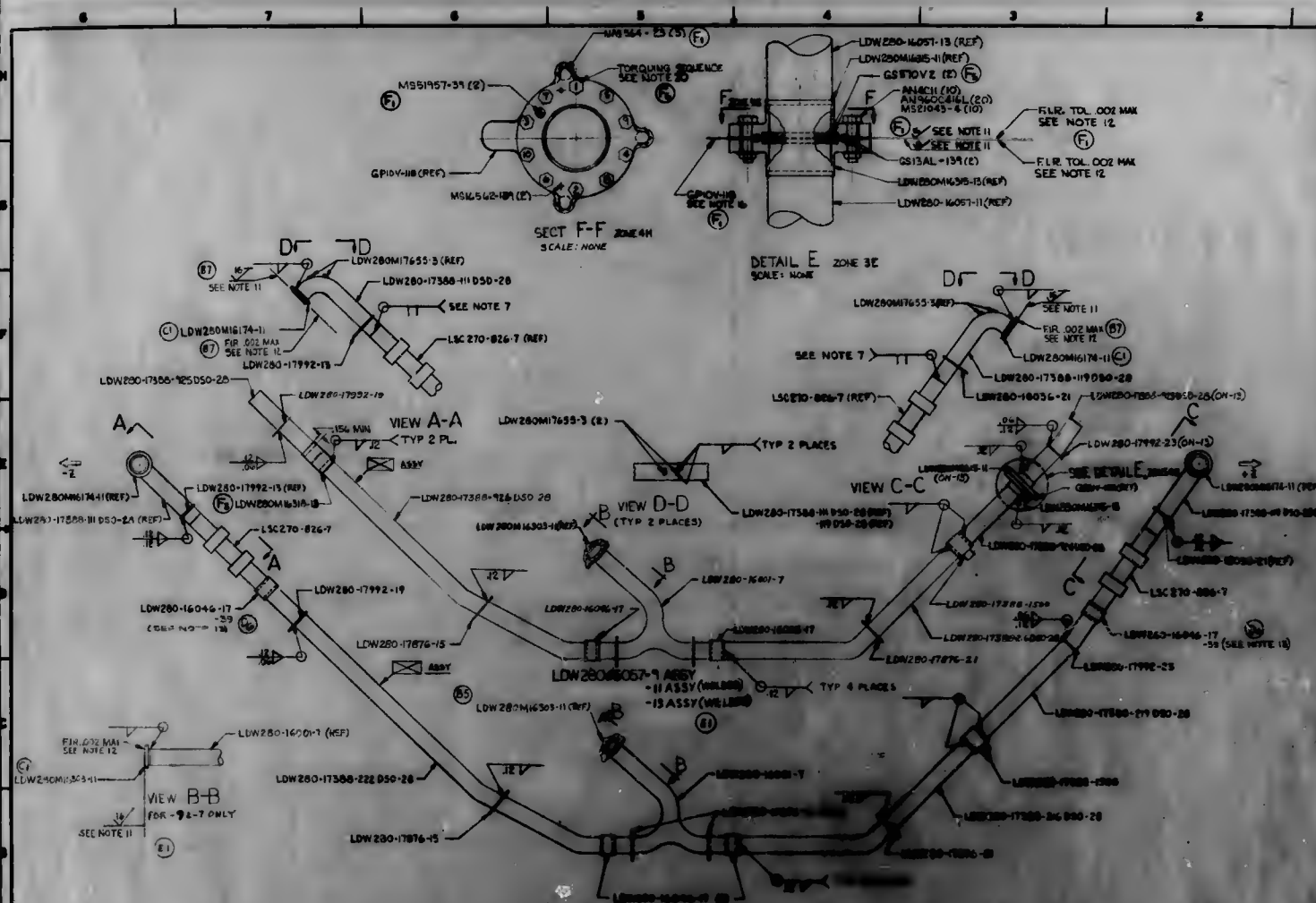
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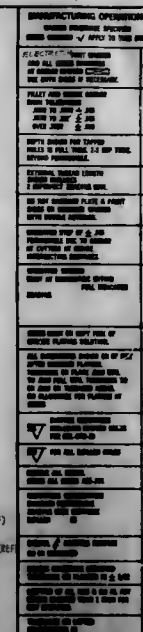
LDW DASHING & ADDED IN 9(30) RIGHTS

C SEE DWG

280046 SECTION EXP (LDW) GROUP NO 212 P.25

800 8-1980

[illegible]



NO	24512	LDN280-15057	F
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GRUMMAN AIRCRAFT ENGINEERING CORP.
CODE IDENT NO. 26512

ENGINEERING ORDER

LDWZ80-16060
LDWZ80A-4393

11M/6 ON -11 ADD:
N/A LDWZ80-16000
21 REQD/MOD
EFF: LM-3

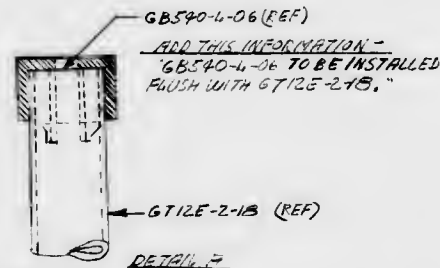
MCR 604		3	
TO ADD LM-3 REQUIREMENTS		ON -11 ADDED N/A LDWZ80-16000 21 REQD/MOD EFF: LM-3	
LM	LM-3(53)	2	VDI
UNION		LDWZ80-16060	
C		B1	
ISSUED BY J. SOLOMON (X7033)		SECTION VDI (EQUIP LINES) GROUP NO. R.	

01

NAS 9-1100

GRUMMAN AIRCRAFT ENGINEERING CORP.
CODE IDENT NO. 24612
ENGINEERING ORDER

LDW 28016064
A2
LDW 27-337



LDW 280-16064

THIS IS A REVISION OF ED 4-1

DRAWING CLARIFICATION ONLY		ADD INFORMATION FOR INSERT INSTALLATION. (GB540-L-06) INSTALLED AS NOTED.		77	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
LDW	LDW-2805	LDW	LDW-2805	LDW	LDW-2805
THRU L.M. 15 (45)		STAND OFF ASSUMES INST. ELECTRONIC		LDW 28016064	
ISSUED BY LIAISON		BIMALLAGE 1-25-67		GROUP NO. 332	
SECTION V.D.1		PL 35			

01

NAS 9-1160

